

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number  
**WO 2005/096721 A2**

(51) International Patent Classification: Not classified

(21) International Application Number:  
PCT/US2005/010082

(22) International Filing Date: 25 March 2005 (25.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/557,236 29 March 2004 (29.03.2004) US  
60/641,246 4 January 2005 (04.01.2005) US

(71) Applicants (for all designated States except US): **ROHR, INC.** [US/US]; 850 Lagoon Drive, Chula Vista, CA 91910-2098 (US). **GOODRICH CORPORATION** [US/US]; 2730 West Tyvola Road, Charlotte, NC 28217 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MOE, Jeffrey, W.** [US/US]; 1831 Carolyn drive, Chula Vista, CA 91913 (US). **WHITMIRE, Julia** [US/US]; 620-B J Street, Chula Vista, CA 91913 (US). **KWAN, Hwa-Wan** [US/US];

1863 Harrils Mill Avenue, Chula Vista, CA 91913 (US). **ABEYSINGHE, Amal** [LK/US]; 4610 Villas Drive, Bonita, CA 91902 (US). **DUGGAL, Virinder** [US/US]; 6057 NE 135th Street, Kirkland, WA 98034 (US).

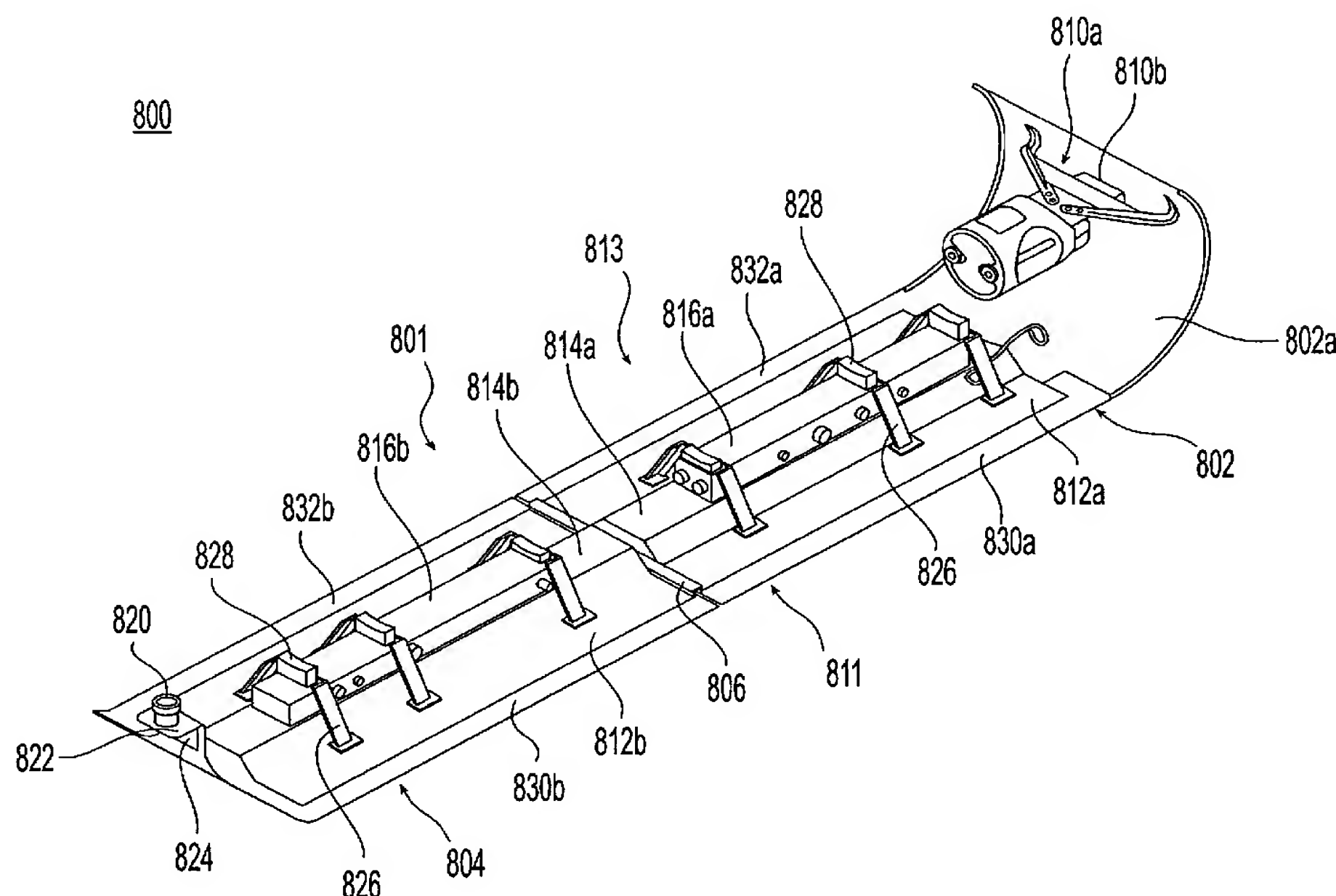
(74) Agents: **ALAPATI, Nanda, K.** et al.; Womble Carlyle Sandridge & Rice, Post Office Box 7037, Atlanta, GA 30357-0037 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: LANDING GEAR NOISE ATTENUATION



(57) Abstract: A landing gear noise attenuator mitigates noise generated by airframe deployable landing gear. The noise attenuator can have a first position when the landing gear is in its deployed or down position, and a second position when the landing gear is in its up or stowed position. The noise attenuator may be an inflatable fairing that does not compromise limited space constraints associated with landing gear retraction and stowage. A truck fairing mounted under a truck beam can have a compliant edge to allow for non-destructive impingement of a deflected fire during certain conditions.

WO 2005/096721 A2



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *without international search report and to be republished upon receipt of that report*